



FACILITY COMPLIANCE INSPECTION REPORT

Division of Waste Management

Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID	X	YW		Transfer		Compost		SLAS		COUNTY: Chatham PERMIT NO.: 19-09 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Site Inspection: September 18, 2014

Date of Last Inspection: September 30, 2013

FACILITY NAME AND ADDRESS:

Stone Company LLP LCID Landfill
Big Woods Road
Chapel Hill, NC 27517

GPS COORDINATES: N: 35.80257 E: -79.03110

FACILITY CONTACT NAME AND PHONE NUMBER:

Alan Stone, President
Alan Stone Excavating, Inc.
w&h. 919-240-5871
c. 919-971-0918
alanrocs@gmail.com

FACILITY CONTACT ADDRESS:

Alan Stone, President
Alan Stone Excavating, Inc.
5180-A Big Woods Road
Chapel Hill, NC 27517

PARTICIPANTS

John Patrone, Environmental Senior Specialist - Solid Waste Section (SWS)
Elizabeth Werner, Permitting Hydrogeologist - SWS
Alan Stone, President - Alan Stone Excavating, Inc. (ASE, Inc.)

STATUS OF PERMIT:

Permit To Operate (PTO) issued May 28, 2010
Permit To Construct (PTC) issued in conjunction with PTO
PTO expiration date May 28, 2015
PTC expiration date November 28, 2010

PURPOSE OF SITE VISIT:

Comprehensive Inspection

STATUS OF PAST NOTED VIOLATIONS

None

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OBSERVED VIOLATIONS

None

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may also be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

ADDITIONAL COMMENTS

On September 18, 2014, John Patrone and Elizabeth Werner met with Alan Stone to conduct a comprehensive inspection of the Stone Company LLP LCID Landfill on Big Woods Road in Chapel Hill, Chatham County.

1. The facility is a land clearing and inert debris (LCID) landfill.
2. The facility entrance is located on Rock Hill Drive. Rock Hill Drive is a gravel road off of Big Woods Road.
3. The facility is a permitted LCID landfill. Prior to permit issuance the facility was a notified LCID landfill - N0612. The permit expanded the LCID landfill from < 2 acres to 4 acres.
4. The facility is owned and operated by Alan Stone.
5. The facility permit, site plan, and operations plan were discussed.
6. The facility is open (warmer months) Monday through Friday 7:00 am to 5:00 pm and (cooler months) 7:30 am to 4:00 pm.
7. The facility is permitted to receive waste generated in Chatham County.
8. The facility is permitted to receive land clearing waste, yard trash, untreated and unpainted wood, uncontaminated soil, inert debris, and (used) asphalt.
9. The facility primarily receives land clearing debris (LCD) and clean soil. The soil is generally stockpiled for cover material.
10. The facility estimates tonnage received per the following: single axle truck = 4 tons LCD/8 tons soil, tandem axle truck = 5 tons LCD/10 tons soil, tri-axle truck = 6 tons LCD/12 tons soil, and a tractor trailer = 7.5 tons LCD/15 tons soil.
11. The facility maintains daily records of origin of load and the amount of material received. Records were verified for October 2013 through August 2014. The amount of material received: LCD = 1911 tons or 173.73 tons per month (TPM) and soil = 2003 tons or 182.1 TPM.
12. The facility annual report (FAR) dated July 25, 2014 was received by the SWS. It is estimated that the facility commonly receives 100+ tons of material a week (45 weeks/year). Note: soil received for cover material is not considered waste and should not be included with the amount of waste taken-in stated on the FAR.
13. Solid waste must be covered with 1 foot of suitable soil cover at least once per month, or when the active area reaches one acre in size, whichever occurs first.
14. Solid waste shall be restricted to the smallest area feasible and compacted as densely as practical into cells.
15. Excavation, grading, and fill material side slopes must not exceed a ratio of three horizontal feet to one vertical feet (3:1).
16. Mr. Stone stated that exterior side slopes are constructed with benched lifts. When the exterior side slope is near completion soil is added to the benched area to create a uniformly graded [exterior] side slope.
17. Mr. Stone stated that the right exterior side slope will have soil added to benched areas. The exterior side slope will be graded and sown with grass seed.
18. Edge of waste markers have been installed along the prescribed fill area.
19. Vegetation is mowed annually.
20. There was no indication of erosion or runoff.
21. The North Chatham Fire Department will address an emergency at the facility.
22. Access roads are of all-weather construction.

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23. The facility has a proper sign. The name on the sign is ASE, Inc. (Alan Stone Excavating, Inc.) Mr. Stone stated that when the permit is modified/renewed the name will be changed to ASE, Inc.
24. An attendant is on duty when the facility is open to the public.
25. The facility is secured by a metal cable with padlock.
26. Mr. Stone stated that he intends to expand the LCID landfill area. He has cleared an additional 18 acres. To discuss landfill expansion contact: Elizabeth Werner, Permitting Hydrogeologist, at 919-707-8253.
27. It is suggested that when the permit is modified/renewed the service area is expanded to include surrounding counties.
28. Mr. Stone stated that he would like to have a portion of the area intended for future landfill expansion to be designated as a temporary disaster debris staging site (TDDSS). To pursue this option please contact Ms. Werner.
29. The PTO expiration date is May 28, 2015.
30. The facility permit renewal application should be submitted to SWS several months prior to permit expiration.

Please contact me if you have any questions or concerns regarding this inspection report.



Phone: 336-771-5095 Fax: 336-771-4631

John Patrone, Environmental Senior Specialist
Division of Waste Management, NCDENR

Sent on: <u>September 26, 2014</u>	<input checked="" type="checkbox"/>	Email	<input type="checkbox"/>	Hand delivery	<input type="checkbox"/>	US Mail	Certified No. <input type="checkbox"/>
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Electronic Copies: Jason Watkins, Field Operations Branch Head - SWS
Sarah Rice, Compliance Officer - SWS
Elizabeth Werner, Permitting Hydrogeologist – SWS

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Digital pictures taken September 18, 2014
by John Patrone, DWM-SWS

Working face



Right external side slope - to add soil, grade, and seed



Front left of landfill – front external side slope graded



View toward planned landfill expansion (to relocate house)



Facility entrance



Facility sign

